

सं: एएआई/सिल/स.म.प्र. (ई.-ई.)/ फायर सप्रेसर/2022-23/W.O-01/121-129

दिनांक: 21.04.2022

Ref: AAI/SIL/ENGG-E/Fire Suppressor/2022-23/W.O-01/

Date: 21.04.2022

सेवा,
एम/एस. जे सि सि एन्जिनीर्स प्राइवेट लिमिटेड,
1st फ्लोर रघुनाथ मार्केट,
नियर टेलीफोन एक्सचेंज,
पठानकोट, पंजाब - 145001

To,
M/s JCC ENGINEERS PRIVATE LIMITED,
1st FLOOR RAGHUNATH MARKET,
NEAR TELEPHONE EXCHANGE,
PATHANKOT, PUNJAB - 145001.

कार्य का नाम :- प्रोविजन ऑफ ग्रीन गैस बेस्ड फायर एक्स्टिंगुइशर्स एंड सार्ज दैवार्टरस फॉर इलेक्ट्रिकल / सिनएस इंस्टालेशन एट सिलचर एयरपोर्ट।

Name of Work: - Provision of green gas based fire extinguishers and surge diverters for Electrical/CNS installations at Silchar Airport.

(Tender ID: 2022_AAI_109740_1)

प्रिय महोदय / Dear Sir (s),

- उपर्युक्त कार्य के लिए आपका ई-टेंडर अध्यक्ष, भारतीय विमानपत्तन प्राधिकरण की ओर से आपके द्वारा उद्धरित मद दर जिसकी कुल राशि रु. 24,25,625/- जीएसटी के बिना (चौबीस लाख पच्चीस हजार छह सौ पच्चीस केवल) लागत रु 29,25,061/- से 17.07% कम है, स्वीकृत किया जाता है।

Your E-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to Rs. 24,25,625/- excluding GST (Rupees Twenty Four Lakh Twenty Five Thousand Six Hundred and Twenty Five Only) which is 17.07% Below the Justified cost of Rs. 29,25,061/-.

- सहायक महाप्रबंधक (अभि-विदुत) कार्य के लिए प्रभारी इंजीनियर होंगे। आपसे अनुरोध है कि आप अपना प्रत्यायित प्रतिनिधि जिसे कि आप की ओर से संविदा करार पर हस्ताक्षर करने की शक्ति दी गई है। सहायक महाप्रबंधक (अभि-विदुत) के कार्यालय में करार पर हस्ताक्षर करने के लिए दिनांक 06.05.2022 को तैनात करें। (संविदा करार रु.100/- के नॉन ज्युडिशियल स्टाम्प पेपर पर निष्पादित किया जाएगा और स्टाम्प पेपर की लागत आपको ही वहन करनी होगी।)

Assistant General Manager (Engg.-Elect.), AAI, Silchar Airport, Silchar shall be the Engineer-in-Charge for the work. You are requested to attend the O/o Assistant General Manager Engg (E), AAI, Silchar Airport by 06.05.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.

- आपके टेंडर के साथ प्राप्त बयाना राशि रु 58,501/- (अठ्ठावन हजार पाँच सौ एक केवल) को संविदा दस्तावेज के अनुसार सुरक्षा जमा के हिस्से के रूप में परिवर्तित कर दिया गया है। कृपया इस पत्र के जारी होने के 10 दिन में सुरक्षा जमा के लिए रु. 1,84,062/- जमा करवा दें, ऐसा नहीं करने पर संविदा दस्तावेज की शर्त के अनुसार आपके रनिंग बिल से काट ली जाएगी।

The earnest money amount of Rs. 58,501/- (Rupees Fifty Eight Thousand Five Hundred & One only) received along with your Tender has been converted as part of security deposit as per contract document. Please deposit Rs. 1,84,062/- towards security deposit within 10 (Ten) days from the date of issue of this letter, failing which, the same will be deducted as per condition of the Contract document.

4. आपसे अनुरोध है कि संविदा श्रमिक (विनियमन एवं समापन) अधिनियम 1970 और संविदा श्रमिक (विनियमन एवं समापन) केन्द्रीय नियमावली 1971, अधिन, केन्द्रीय और राज्य सरकार के न्यूनतम मजदूरी अधिनियम और ई.पी.एफ.एक्ट, 1952 एवं ई. एस. आई. एक्ट नियमों का पालन करें।

You are requested to comply with provision of Contract Labour (Regulation and Abolition) Act of 1970 and contract (Re regulation and Abolition) Central rules 1971, Minimum Wages Act & Rules, EPF Act, 1952 and ESI act thereof Central & State Governments.

5. आपको निर्देश दिए जाते हैं कि आप प्रबंधक (अभि-बिद्युत) से तत्काल सम्पर्क करें जो कि आपको कार्यस्थल सुपुर्द करने कि व्यवस्था करेंगे।

You are also directed to contact **Manager (Engg-E)**, AAI, Silchar Airport immediately who will arrange to hand over the site to you.

6. कृपया ध्यान दें कि कार्य करने के लिए अनुमत समय एसआईटीसी के लिए **03 (तीन) महीने** होगा और इसकी गणना **1st मई 2022** से की जाएगी।

Please note that the time allowed for carrying out the work shall be **03 (Three) months** and same shall be reckoned from **1st May 2022**.

7. कार्य की दोष देयता अवधि एसआईटीसी कार्य के लिए **12 (बारह) माह** होगी।

The defect liability period of the work shall be **12 (Twelve) months**.

8. संविदा के संबंध में आगे किया जाने वाला पत्राचार समान्यतः इंजीनियर प्रभारी से किया जाए।

Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.

9. कृपया इस आदेश की प्राप्ति को स्वीकार करें।

Please acknowledge the receipt of this order.

10. यदि कोई विसंगति पाई जाती है तो अंग्रेजी भाषा ही मान्य होगी।

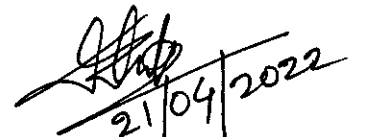
In case any discrepancy is found, then English version will be taken as correct.

धन्यवाद/ Thanking you.

भवदीय / Yours faithfully

Encl: 1. Schedule of Quantities

अनुलग्नक : 1. अनुसूची की मात्रा



21/04/2022

देवदीप दत्ता (DEBDEEP DUTTA)

सहायक महाप्रबंधक (अभि-विद्युत)

Asstt. G.M. (Engg.-Elect.)

भा.वि.प्रा., सिलचर हवाई अड्डा

AAI, Silchar Airport

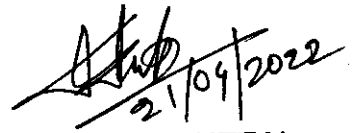
प्रतिलिपि: / Copy to:- (Internal)

01. महाप्रबंधक (अभि)-II, भा.वि.प्रा., आरएचक्यू, एनईआर, गुवाहाटी-15।
GM(Engg)-II, AAI, RHQ, NER, Guwahati-15
02. महाप्रबंधक (वित्त), भा.वि.प्रा., आरएचक्यू, एनईआर, गुवाहाटी-15।
GM (F & A), AAI, RHQ, NER, Guwahati-15
03. उप महाप्रबंधक (अभि- बिदुत), भा.वि.प्रा., आरएचक्यू, एनईआर, गुवाहाटी-15।
DGM Engg. (E), AAI, RHQ, NER, Guwahati-15
04. विमानपत्तननिदेशक, भा.वि.प्रा., शिलचर हवाईअड्डा, शिलचर।
Airport Director, AAI, Silchar Airport.
05. सहायक महाप्रबंधक (वित्त), भा.वि.प्रा. शिलचर हवाईअड्डा, शिलचर।
Asstt. G.M. (Finance), AAI, Silchar Airport
06. प्रबंधक अभि(वि), भा.वि.प्रा. शिलचर हवाईअड्डा, शिलचर।
Mgr Engg.(E-E), AAI, Silchar Airport.

प्रतिलिपि: / Copy to:- (External)

01. सहायक भविष्य निधि अधिकारी, सिलचर, कछार - 788 005।
Asstt. P.F. Commissioner, Silchar, Cachar - 788 005.
02. सहायक श्रम संयुक्त (केंद्रीय), कॉलेज रोड, सिलचर - 788 004।
Asstt. Labour Commissioner (Central), College Road, Silchar - 788 004.

01. पत्रावली/File.
02. अग्रीमेंट/Agreement


21/04/2022

देवदीप दत्ता (DEBDEEP DUTTA)
सहायक महाप्रबंधक (अभि-विदुत)
Asstt. G.M. (Engg.-Elect.)
भा.वि.प्रा., सिलचर हवाई अड्डा
AAI, Silchar Airport

Tender Inviting Authority: Asstt. G.M. (Engg-Electrical), AAI, Silchar Airport.

Name of Work: Provision of green gas based fire extinguishers and surge diverters for Electrical/CNS installations at Silchar Airport.

Tender Id: 2022_AAI_109740_1

Name of the Bidder/ Bidding Firm / Company :	JCC ENGINEERS PRIVATE LIMITED					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE (Excluding GST) In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT (Excluding GST) in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Aerosol Generator: Supply, Installation, Testing & Commissioning of Aerosol based Fire Suppression System consisting of Aerosol generator having aerosol mass of 30gm shall be thermally actuated by means of aluminium alloy thermal sensor complying to UL 33 that can be mounted over the generator itself. The housing shall be constructed of stainless steel shell.Housing shall be sealed with a non-permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Thermal Sensor.	2.00	Each	11900.00	23800.00	INR Twenty Three Thousand Eight Hundred Only
2	Aerosol Generator: Supply, Installation, Testing & Commissioning of Aerosol based Fire Suppression System consisting of Aerosol generator having aerosol mass of 60gm shall be thermally actuated by means of aluminium alloy thermal sensor complying to UL 33 that can be mounted over the generator itself. The housing shall be constructed of stainless steel shell.Housing shall be sealed with a non-permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Thermal Sensor.	23.00	Each	20150.00	463450.00	INR Four Lakh Sixty Three Thousand Four Hundred & Fifty Only
3	Aerosol Generator: Supply, Installation, Testing & Commissioning of Aerosol based Fire Suppression System consisting of Aerosol generator having aerosol mass of 100gm shall be thermally actuated by means of aluminium alloy thermal sensor complying to UL 33 that can be mounted over the generator itself. The housing shall be constructed of stainless steel shell.Housing shall be sealed with a non-permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Thermal Sensor.	7.00	Each	26500.00	185500.00	INR One Lakh Eighty Five Thousand Five Hundred Only
4	Aerosol Generator: Supply, Installation, Testing & Commissioning of Aerosol based Fire Suppression System consisting of Aerosol generator having aerosol mass of 250gm shall be thermally actuated by means of aluminium alloy thermal sensor complying to UL 33 that can be mounted over the generator itself. The housing shall be constructed of stainless steel shell.Housing shall be sealed with a non-permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Thermal Sensor.	2.00	Each	35000.00	70000.00	INR Seventy Thousand Only


 21/02/2022
 ARM(EE)

5	Aerosol Generator: Supply, Installation, Testing & Commissioning of Aerosol based Fire Suppression System Aerosol generator having aerosol mass of 1000gm shall be electrically actuated by means of Fire Alarm cum Release Panel. The housing shall be constructed of stainless steel shell. Housing shall be sealed with a non-permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Aerosol generators shall be listed by Underwriter's Laboratories (UL) to UL Subject 2775 covering Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Gland.	1.00	Each	65300.00	65300.00	INR Sixty Five Thousand Three Hundred Only
6	Aerosol Generator: Supply, Installation, Testing & Commissioning of Aerosol based Fire Suppression System consisting of Aerosol generator having aerosol mass of 2500gm shall be electrically actuated by means of Fire Alarm cum Release Panel. The housing shall be constructed of stainless steel shell. Housing shall be sealed with a non-permeable membrane. Units shall have passed salt spray corrosion testing per UL Standard 2127 as part of their listing. Aerosol generated shall be potassium based. Agent shall have no ozone depletion potential and no global warming potential. Agent shall be listed by the US EPA under the SNAP program. Aerosol generators shall be listed by Underwriter's Laboratories (UL) to UL Subject 2775 covering Fixed Condensed Aerosol Systems per NFPA 2010. UL approved design density of the aerosol should be less than 100g/cu.mtr for Class A, B & C fires as per NFPA. The Aerosol generator should have self life of 15 years. Aerosol generator shall be supplied with Stainless steel Bracket & Gland.	4.00	Each	125000.00	500000.00	INR Five Lakh Only
7	Fire Alarm Cum Agent Release System: Supply, Installation, Testing & Commissioning of UL Listed Fire Detection Cum Release System with cross zoning of UL listed heat & smoke detectors, UL listed hooter cum strobe, UL listed abort & release button with SMPS & Battery.C10:C12	5.00	Each	72995.00	364975.00	INR Three Lakh Sixty Four Thousand Nine Hundred & Seventy Five Only
8	Cable: Supply, Installation, Testing & Commissioning of 2 Core 1.5 sq. mm. FRLS type Armored cable.	260.00	Meter	260.00	67600.00	INR Sixty Seven Thousand Six Hundred Only
9	Smart Surge Protection Device: Supply, Installation, Testing & Commissioning of 3 Phase / Type1+2 (KEMA Certified) Lightning current & Surge Protection Device at mains LT panel (3 phase, 415 V) for (L-N) Single-pole combined lightning current and surge arrester, Type 1 SPD. The device shall be non-exhausting metal encapsulated, spark gap based technology and tested as per latest and valid IEC 61643-11:2011 or EN 61643-11:2012 standards. It shall be capable to discharge Lightning current (10/350µs) of 25kA (L-N) and 100kA(N-E) and voltage protection level of device shall be ≤ 1.5 KV. The device shall have built fuse for L-N. Follow current extinguishing capability [L-N]/[N-PE] : 100kArms / 100Arms. The device shall have built in fuse and operation of SPD shall be independent of Line current for L-N SPD. The short circuit with stand capability of the device shall be 100 kArms for L-N SPD. The device shall have mechanical indication for both the states (green for 'healthy' and red for failure) on L-N and N-PE. The device shall be certified by KEMA / VDE or NABL lab as per IEC 61643-11:2011 or EN 61643-11:2012 for testing of all parameter at 10/350 µs and 8/20 µs. with transparent enclosure IP65.	5.00	Each	72000.00	360000.00	INR Three Lakh Sixty Thousand Only
10	Smart Surge Protection Device: Supply, Installation, Testing & Commissioning of Application-optimised and prewired spark-gap-based type 1 + type 2 combined lightning current and surge arrester. Compact design due to space-saving spark gap technology with a width of only one module / pole. Discharge capacity up to 50 kA (10/350 µs) Operating state / fault indication by green / red indicator flag in the inspection window High follow current extinguishing capacity (I _{fi} = 25 kArms). Lightning impulse current (10/350 µs) [L-N]/[N-PE] (I _{imp})=12.5KA/50KA. Nominal discharge current (8/20 µs) [L-N]/[N-PE] (I _n)=12.5KA/50KA. Temporary overvoltage (TOV) [L-N] (UT) – Characteristic - 440 V / 120 min. – withstand. The device shall be certified by KEMA / VDE or NABL lab as per IEC 61643-11:2011 or EN 61643-11:2012 with transparent enclosure IP65.	5.00	Each	65000.00	325000.00	INR Three Lakh Twenty Five Thousand Only
Total in Figures					2425625.00	
Quoted Rate in Words					INR Twenty Four Lakh Twenty Five Thousand Six Hundred & Twenty Five Only	

Signature Not Verified

Digitally signed by DEBDEEP DUTTA
Date: 2022.05.10 11:55:33 IST
Location: eProcurement System for Central PSUs



[Signature]
21/04/2022
Asstt.G.M (Engg.-Elect.)
AAI, Silchar Airport